

FEB 06 '03 18:55 FR

TO 917037467239 P.02

IBM Docket No. YOR920020159US1

receiving a service request from a requestor;
executing secure processing of said service request; and
providing notifications as defined in the service specification.

37. (Amended) An identification method for matching individuals, the method comprising the steps of:

providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;
operating said at least one host computer to negotiate a machine interpretable contract between all parties, which would cooperate with a particular application running on said host computer;
uploading said contract into said secure computation environment;
enforcing said contract with regards to all cooperating parties;
receiving a service request from a requestor;
executing secure processing of said service request; and
providing notifications as defined in the contract.

38. (Amended) An article of manufacture for use in a multiparty electronic service, comprising a machine readable medium tangibly embodying a program of instructions executable by a machine for implementing a method, the method comprising steps of:
providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment;
operating said at least one host computer to negotiate a machine interpretable service specification between all parties, which would cooperate with a particular application running on said host computer;
uploading said service specification into said secure computation environment;
enforcing said service specification with regards to all cooperating parties;
receiving a service request from a requestor;
executing secure processing of said service request; and
providing notifications as defined in the service specification.

Serial No. 10/065,802

2

Received from < > at 2/6/03 6:19:05 PM [Eastern Standard Time]

FEB 06 '03 18:56 FR

TO 917037467239

P.03

IBM Docket No. YOR920020159US1

39. (Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform methods steps for managing a matching identification service, the method comprising the steps of: providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment; operating said at least one host computer to negotiate a machine interpretable service specification between all parties, which would cooperate with a particular application running on said host computer; uploading said service specification into said secure computation environment; enforcing said service specification with regards to all cooperating parties; receiving a service request from a requestor; executing secure processing of said service request; and providing notifications as defined in the service specification.

40. (Amended) An article of manufacture for use in matching individuals, comprising a machine readable medium tangibly embodying a program of instructions executable by a machine for implementing a method, the method comprising steps of: providing at least one host computer adapted to have at least one secure co-processor operating in a secure computation environment; operating said at least one host computer to negotiate a machine interpretable contract between all parties, which would cooperate with a particular application running on said host computer; uploading said contract into said secure computation environment; enforcing said contract with regards to all cooperating parties; receiving a service request from a requestor; executing secure processing of said service request; and providing notifications as defined in the contract.

41. (Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform methods steps for managing a matching identification service, the method comprising the steps of:

Serial No. 10/065,802

3

Received from < > at 2/6/03 6:19:05 PM [Eastern Standard Time]

Received from < 3086606 > at 2/10/03 2:42:23 PM [Eastern Standard Time]